

MENU

SEARCH

INDEX

BACK

NEXT

9/11



JAPANESE PATENT OFFICE

## PATENT ABSTRACTS OF JAPAN

(11)Publication number: 05173219

(43)Date of publication of application: 13.07.1993

(51)Int.Cl.

G03B 5/00

G02B 7/08

G02B 7/28

G03B 17/00

G03B 27/64

(21)Application number: 03354452

(71)Applicant:

RICOH CO LTD

(22)Date of filing: 20.12.1991

(72)Inventor:

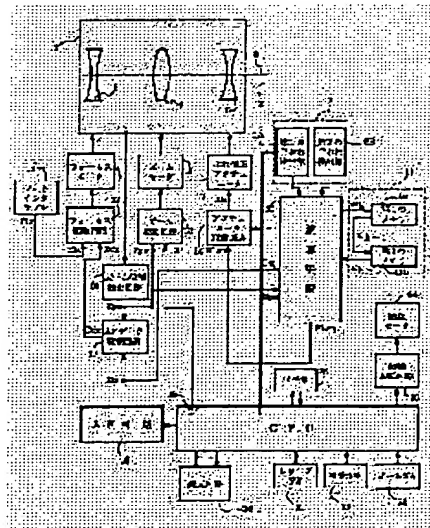
NISHIDA TORU

(54) CAMERA HAVING JIGGLING CORRECTION FUNCTION

(57)Abstract:

PURPOSE: To effectively and constantly prevent generation of blurred photographs irrespective of the size of the focal distance and the distance between the subject and a camera even when jiggling having a component in the rotational direction is caused in the camera during photographing.

CONSTITUTION: Jiggling which is caused by pressing a release switch 21 in photographing is detected at the specified time interval by means of the first and the second jiggling detecting parts 6A, 6B consisting of an accelometer, and converted into the angular velocity data  $\omega/k$  at the specified time interval by a calculating means 10. Successively, the calculating means 10 calculates the expected jiggling corrective data BLzp by adding the data Dx of the distance between the camera and the object which are obtained by the AF circuit 16, and the data Zpx of the focal distance which are obtained by the zoom position detecting circuit 19 to these angular velocity data  $\omega/k$ . An actuator driving circuit 14 drives and controls a jiggling corrective actuator 9 on the basis of these data BLzp and a corrective optical member 5 is driven thereby, canceling the movement of the image position on the film surface 2 due to jiggling.



LEGAL STATUS

BEST AVAILABLE COPY

[Date of request for examination] 21.12.1998  
[Date of sending the examiner's decision of rejection]  
[Kind of final disposal of application other than the  
examiner's decision of rejection or application converted  
registration]  
[Date of final disposal for application]  
[Patent number]  
[Date of registration]  
[Number of appeal against examiner's decision of  
rejection]  
[Date of requesting appeal against examiner's decision of  
rejection]  
[Date of extinction of right]

Copyright (C); 1998 Japanese Patent Office

[MENU](#)

[SEARCH](#)

[INDEX](#)

[BACK](#)

[NEXT](#)